

# LEAK-TESTING APPARATUS FOR ELECTRIC TOOL

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## Abstract of JP10282183

**PROBLEM TO BE SOLVED:** To provide a leak-testing apparatus for electric tools which can quickly and easily inspect a shortcircuit of a power source line of a cord of an electric tool and an earth line and a disconnection of the earth line and surely check the presence/absence and danger of a leak of the electric tool. **SOLUTION:** An earth electrode 21 of a plug receiver (electric outlet 3) to which an insertion plug is inserted or removed is connected to an earth terminal 24 of an insulating resistance meter 4. Edge receivers 22, 23 of the plug receiver are connected to an output terminal 25 of the insulating resistance meter 4. Moreover, a conduction detection instrument (lamp 5) and a battery 10 are connected in series between a probe 6 to which an earth metallic part of an electric tool is butted and the earth electrode 21.

